

AF/GAU 1636\$

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TRANSMITTAL FORM

Application Serial Number	08/915,004
Filing Date	February 20, 1996 NOV 9 1996
First Named Inventor	Goto et al.
Group Art Unit	1636 INTERNAL CUSTOMER SERVICE CENTER
Examiner Name	Schwartzman, R.
Attorney Docket No.	FJN-060 (3999/63)

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets -----] <input type="checkbox"/> Extension of Time Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert to a Provisional Application <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (<i>Appeal Notice, Brief, Reply Brief</i>) <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Additional Enclosure(s) (<i>please identify below</i>) Supplementary European Search Report
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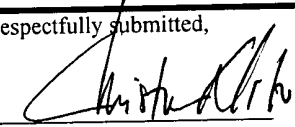
CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
 Testa, Hurwitz & Thibault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Date: November 5, 1998
 Reg. No. 39,061
 Tel. No.: (617) 248-7368
 Fax No.: (617) 248-7100

Respectfully submitted,


 Christine C. Vito, Ph.D.
 Attorney for Applicants
 Testa, Hurwitz & Thibault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110



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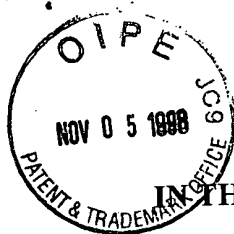
Note: Effective October 1, 1997.
Patent fees are subject to annual revision

Complete if Known

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METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																			
1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				3. ADDITIONAL FEES <table border="1" style="width: 100%;"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>130</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>50</td> <td>25</td> <td>Surcharge - late provisional filing fee or</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>2,520</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>400</td> <td>200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>950</td> <td>475</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1,510</td> <td>755</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>2,060</td> <td>1,030</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>310</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>310</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>270</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>50</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>240</td> <td>240</td> <td>Submission of Information Disclosure Statement (37 CFR 1.97(c))</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Submission of Information Disclosure Statement (37 CFR 1.97(d))</td> <td>130.00</td> </tr> <tr> <td>790</td> <td>395</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>790</td> <td>395</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Other (Specify)</td> <td></td> </tr> </tbody> </table>				Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath		50	25	Surcharge - late provisional filing fee or		130	130	Non-English specification		2,520	2,520	For filing a request for reexamination		110	55	Extension for reply within first month		400	200	Extension for reply within second month		950	475	Extension for reply within third month		1,510	755	Extension for reply within fourth month		2,060	1,030	Extension for reply within fifth month		310	155	Notice of Appeal		310	155	Filing a brief in support of an appeal		270	135	Request for oral hearing		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		240	240	Submission of Information Disclosure Statement (37 CFR 1.97(c))		130	130	Submission of Information Disclosure Statement (37 CFR 1.97(d))	130.00	790	395	Filing a submission after final rejection (37 CFR 1.129(a))		790	395	For each additional invention to be examined (37 CFR 1.129(b))				Other (Specify)	
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2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.																																																																																							
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Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100 457RPM3999/63.678951-1				Respectfully submitted, Date: November 5, 1998 Reg. No. 39,061 Tel. No.: (617) 248-7368 Fax No.: (617) 248-7100 Christine C. Vito, Ph.D. Attorney for Applicants Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110																																																																																			

PATENT

Attorney Docket No. FJN-060
(3999/63)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Goto et al.
SERIAL NO.: 08/915,004 GROUP NO.: 1636
FILING DATE: February 20, 1996 EXAMINER: Schwartzman, R.
TITLE: NOVEL PROTEINS AND METHODS FOR PRODUCING THE
PROTEINS

#13
JUN 18
11-23-98

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. §1.97, Applicants hereby make of record the references listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the Supplementary European Search Report for EP 96 90 2484 and references are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☐ (1) within three (3) months of the **Filing Date** or before the mailing date of the **First Office Action** on the merits; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **Final Rejection** or **Notice of Allowance**, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under Rule 1.17(p), namely **\$240.00**, is included herein, or
- ☒ (3) after the mailing date of a **Final Rejection** or **Notice of Allowance** but before the payment of the **Issue Fee**, **AND**
- ☒ Applicant hereby Petitions the Commissioner to accept and consider the attached Information Disclosure Statement, **AND**

11/09/1998 RHAGAT 00000020 08915004

01 FC:122

130.00 0P

- ☒ the requisite Statement is below, **AND**
☒ the requisite petition fee due under Rule 1.17(i)(I), namely **\$130.00** is included herein.

It is respectfully requested that each of the references shown on the attached Form PTO-1449 be made of record in this application.

STATEMENT

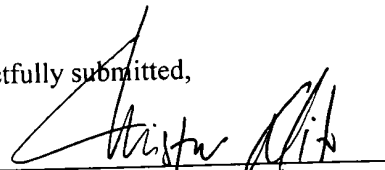
As required under §1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space]:

- ☒ 1. [E]ach item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application **not more than** three months prior to the filing date of the Information Disclosure Statement; or
- ☐ 2. [N]o item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any** individual designated in §1.56(c) **more than** three months prior to the filing of the Information Disclosure Statement.

FEE AUTHORIZATION

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 20-0531. Any overpayments should be credited to said Deposit Account.

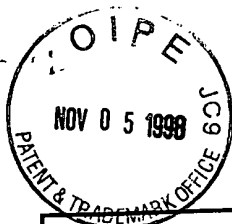
Respectfully submitted,



Christine C. Vito, Ph.D.
Attorney for Applicants
Testa, Hurwitz, & Thibault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

Date: November 5, 1998
Reg. No. 39,061

Tel. No.: (617) 248-7368
Fax No.: (617) 248-7100



FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: FJN-060 (3999/63)

APPLICANT(S): Goto et al.

SERIAL NO.: 08/915,004

FILING DATE: February 20, 1996 GROUP: 1636

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	BE	WO 96/28546	09/19/96	PCT			03/15/95		Y
	BF	WO 97/23614	07/03/97	PCT			12/20/96		Y

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	CE	Simonet et al., "Osteoprotegerin: a novel secreted protein involved in the regulation of bone density," CELL, vol. 89, April 18, 1997, pgs. 309-319.							
	CF	Reddi, "Bone morphogenesis and modeling: soluble signals sculpt osteosomes in the solid state," CELL, vol. 89, April 18, 1997, pgs. 159-161.							
	CG	Tsuda et al., "Isolation of a novel cytokine from human fibroblasts that specifically inhibits osteoclastogenesis," Biochem. and Biophys. Research Commun., vol. 234, May 8, 1997, pgs. 137-142.							
	CH	Chambers et al., "Generation of osteoclast-inductive and osteoclastogenic cell lines from the H-2btsA58 transgenic mouse," Proceed. of the National Acad. of Sciences of USA, vol. 90, June 1993, pgs. 5578-5582.							
	CI	Smith et al., "The TNF receptor superfamily of cellular and viral proteins: activation, costimulation, and death," CELL, vol. 76, March 25, 1994, pgs. 959-962.							
	CJ	Goodwin et al., "Molecular cloning and expression of the type 1 and type 2 receptors for tumor necrosis factor," Database EMROD, EMBL Databases, Accession Number: M59378, June 28, 1991.							

EXAMINER

DATE CONSIDERED

457RPM3999/63.678673-1